

Converting Colors

XYZ(45.0073, 36.7089, 25.9965)

Have a look what the booklet for
XYZ(45.0073, 36.7089, 25.9965)
contains.

XYZ(45.0859, 36.6988, 25.8264)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(45.0859, 36.6988,
25.8264)**

Conversions

Conversions Part 1

Format	Color
Hex	E38C82
RGB	227, 140, 130
RGB Percent	89%, 55%, 51%
CMY	0.1098, 0.4510, 0.4902
CMYK	0.00, 0.38, 0.43, 0.11
HSL	6°, 63%, 70%
HSV	6°, 43%, 89%
XYZ	45.0859, 36.6988, 25.8264
YIQ	164.8730, 55.0620, 15.3340

Conversions

Conversions Part 2

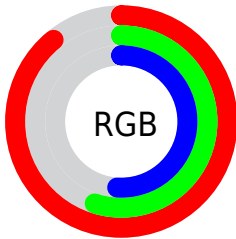
Format	Color
R _Y B	227, 141, 130
Decimal	14912642
CIE Lab	67.05, 31.97, 19.39
CIE LCh	67, 37.389, 31.234
Yxy	36.6988, 0.4190, 0.3410
Android (android.graphics.Color)	4293102722 (0xFFE38C82)
YUV	164.8730, -17.1924, 54.4854
Hunter-Lab	60.5795, 26.8332, 17.1290

Details

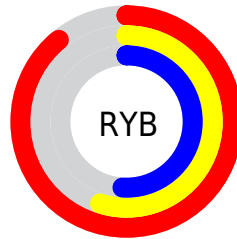
The XYZ color **45.0859, 36.6988, 25.8264** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **47.8826, 59.9149, 81.7139**, and the grayscale version is **35.7655, 37.6281, 40.9770**.

A 20% lighter version of the original color is **69.0790, 63.2625, 53.3698**, and **21.4198, 16.1739, 9.7775** is the 20% darker color. If you saturate the color by 10%, you get **41.0224, 30.7471, 17.7658**, and if you desaturate by 10%, it is **50.0377, 43.8892, 35.8419**.

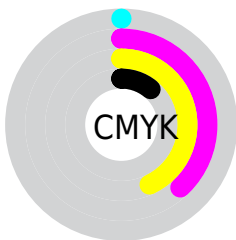
Distribution



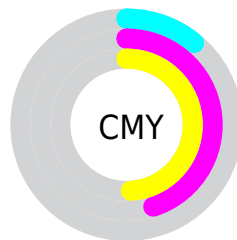
- Red (89%)
- Green (55%)
- Blue (51%)



- Red (89%)
- Yellow (55%)
- Blue (51%)



- Cyan (0%)
- Magenta (38%)
- Yellow (43%)
- Black (11%)





- Cyan (11%)
- Magenta (45%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.0859, 36.6988, 25.8264 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 45.0859, 36.6988, 25.8264 by changing the saturation by 10% instead.


 45.0859, 36.6988,
25.8264

 45.0859, 36.6988,
25.8264


357.8992,
332.0046, 295.5072

 31.7267, 24.9744,
16.4692


 82.0856, 70.1093,
53.9754

 21.3073, 16.0580,
9.6988


 106.4567, 92.5641,
73.6043

 13.4626, 9.5652,
5.0968


 135.2292,
119.3646, 97.4942

 7.8270, 5.1116,
2.2444

168.7684,
150.8950, 126.0636

 4.0353, 2.3129,
0.6998

207.4396,
187.5399, 159.7310

 1.7221, 0.7805,
0.0000

251.6082,

 0.4701, 0.0000,

229.6835, 198.9151

0.0000

301.6397,
277.7103, 244.0343

■ 0.0000, 0.0000,
0.0000

■ 45.0859, 36.6988,
25.8264

■ 45.0859, 36.6988,
25.8264

■ 41.0224, 30.7471,
17.7658

■ 50.0377, 43.8892,
35.8419

■ 37.7917, 25.9590,
11.5303

■ 55.9235, 52.3772,
47.9266

■ 35.3363, 22.2596,
6.9773

■ 62.7889, 62.2242,
62.1884

■ 33.5901, 19.5628,
3.9426

■ 70.6760, 73.4865,
78.7270

■ 32.4758, 17.7697,
2.2283

■ 79.6243, 86.2169,
97.6362

■ 31.9932, 16.9602,
1.5874

■ 85.4885, 95.0709,
108.4525

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



46.9888, 36.6988, 39.2885



45.0859, 36.6988, 25.8264



40.4096, 36.6988, 18.3215

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



45.0859, 36.6988, 25.8264



26.1508, 36.6988, 26.7090



35.1170, 36.6988, 80.1330

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



45.0859, 36.6988, 25.8264



47.8826, 59.9149, 81.7139

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



29.8814, 36.6988, 74.1567



45.0859, 36.6988, 25.8264



25.0554, 36.6988, 40.6366

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



45.0859, 36.6988, 25.8264



29.5152, 36.6988, 18.7253



26.3455, 36.6988, 58.4863



40.8609, 36.6988, 73.1434

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



45.0859, 36.6988, 25.8264



36.5734, 36.6988, 16.3197



26.3455, 36.6988, 58.4863



33.2418, 36.6988, 79.5644

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



45.0868, 36.7006, 25.8271



81.4028, 80.5221, 80.2538



52.2247, 37.3218, 70.3016



16.9766, 16.5951, 16.2459



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



45.0868, 36.7006, 25.8271



54.0793, 41.0211, 24.4529



53.7339, 53.9947, 28.7094



14.4960, 14.6059, 14.9597



18.6981, 9.9703, 0.9390



1.4223, 0.8180, 0.0829

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



47.8826, 59.9149, 81.7139



58.1291, 74.8341, 105.9884



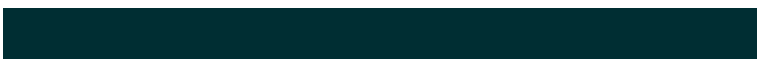
37.2221, 38.5938, 78.1604



14.6738, 16.0689, 18.4726



20.6723, 28.4066, 46.7767



1.5644, 2.1727, 3.4689

Previews

White Background



This preview shows how the XYZ color 45.0859, 36.6988, 25.8264 looks on a white background.

Color Contrast Check

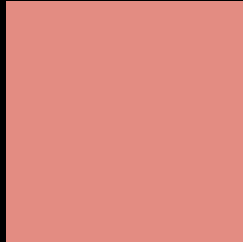
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 45.0859, 36.6988, 25.8264 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 45.0859, 36.6988, 25.8264

Background



This preview shows how black text looks on a background with the XYZ color 45.0859, 36.6988, 25.8264.



This preview shows how white text looks on a background with the XYZ color 45.0859, 36.6988,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

45.0859, 36.6988, 25.8264

Protanopia

34.9182, 36.8881, 30.4790

Deuteranopia

37.6260, 36.8527, 25.2089



Tritanopia

46.2859, 36.5234, 32.6272

Trichromacy



Original Color

45.0859, 36.6988, 25.8264

Protanomaly

37.9749, 36.4553, 28.7020

Deuteranomaly

40.1397, 36.6709, 25.3847

Tritanomaly

45.8911, 36.5940, 29.8439

Monochromacy



Original Color

45.0859, 36.6988, 25.8264

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

38.2950, 36.7353, 34.7780

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.0859, 36.6988, 25.8264 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(227, 140, 130)` looks like.

```
.text, #text, p{  
    color:rgb(227, 140, 130)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(227, 140, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 140, 130) }
```

Border

The CSS property to change the border of an element to XYZ 45.0859, 36.6988, 25.8264 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(227, 140, 130) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(227, 140, 130) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(227, 140, 130) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 140, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 140, 130);  
box-shadow:4px 4px 4px 4px rgb(227, 140,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 45.0859, 36.6988, 25.8264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 140, 130) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(227,  
140, 130) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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